

Brake Caliper DS 280 FEM

spring activated – electrohydraulically released

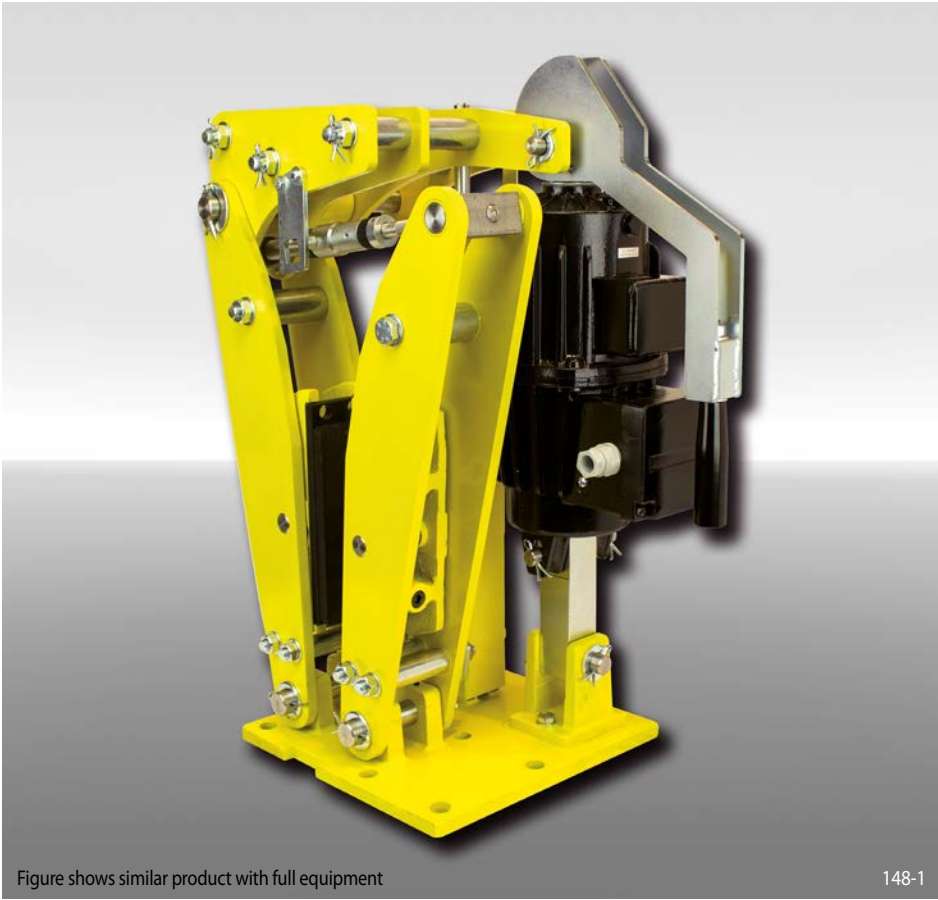


Figure shows similar product with full equipment

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Features	Code
Brake Caliper	D
Disc Brake	S
Frame size 280	280
Spring activated	F
Electrohydraulically released	E
Manual adjustment to accommodate friction block wear	M
Thrusters 453, 454, 455 or 456 are available	453 to 456
Thruster mounted right or left available	R L
Thickness of brake disc 30 mm	30

Example for ordering
 Brake Caliper DS 280 FEM, thruster 456, thruster mounted right, thickness of brake disc 30 mm:

DS 280 FEM - 456 R - 30

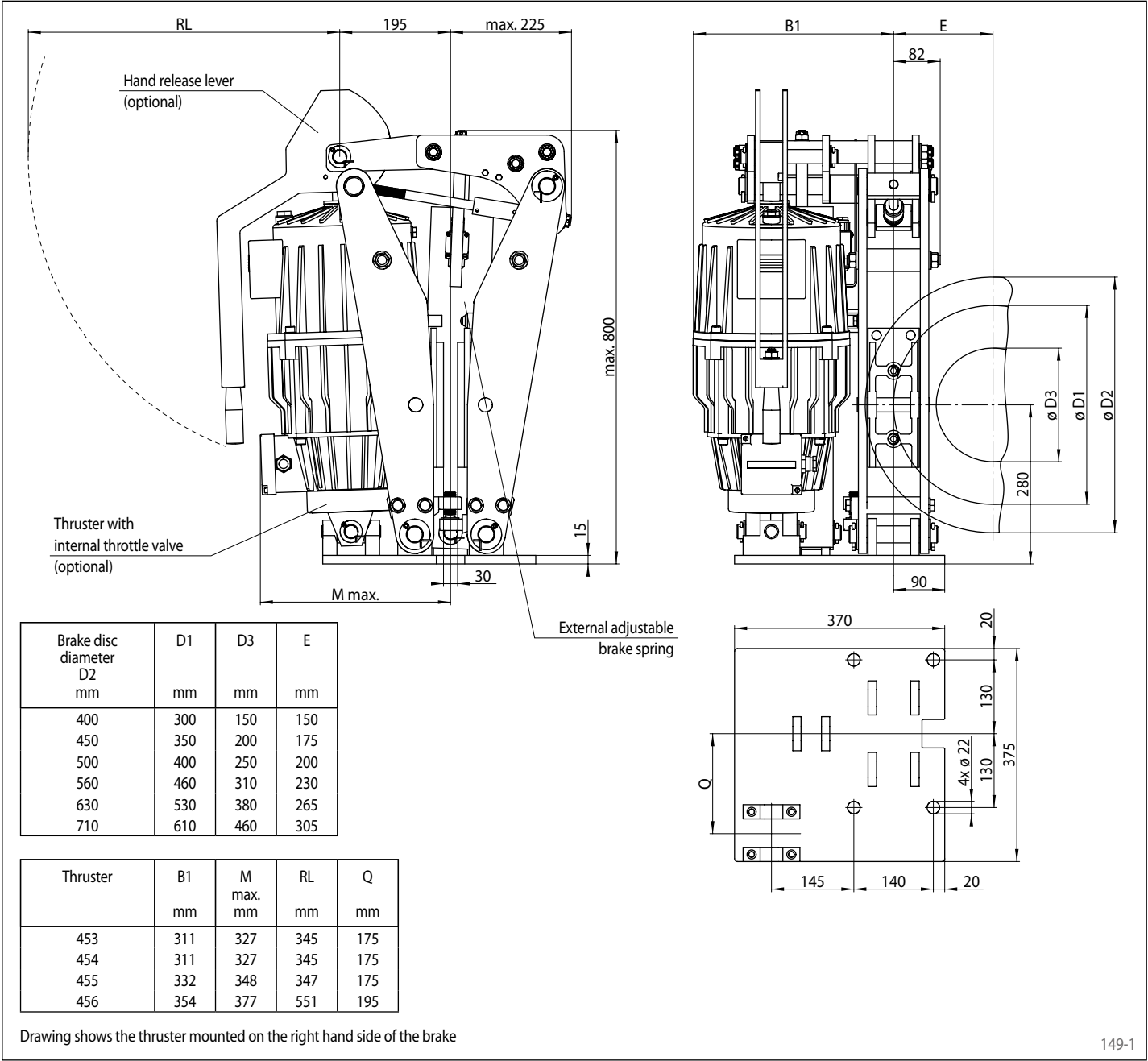
Technical Data

	Brake Caliper DS 280 FEM			
	with thruster 453	with thruster 454	with thruster 455	with thruster 456
Brake disc diameter	Braking torque	Braking torque	Braking torque	Braking torque
mm	Nm	Nm	Nm	Nm
400	1 200	1 450	2 400	3 950
450	1 400	1 700	2 800	4 650
500	1 600	1 950	3 200	5 300
560	1 850	2 250	3 650	6 100
630	2 100	2 600	4 250	7 050
710	2 450	3 000	4 850	8 100
Clamping force	10 050 N	12 250 N	20 050 N	33 250 N
Braking torque adjustable	20 - 100%	20 - 100%	20 - 100%	20 - 100%
Nominal power	240 W	280 W	370 W	590 W
Oil volume	3,5 l	3,5 l	4,5 l	11 l
Voltage	230/400 V	230/400 V	230/400 V	230/400 V
Weight	126 kg	126 kg	132 kg	158 kg

The braking torques shown in the table are based on a theoretical friction coefficient of 0,4.

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Options

- Micro-switch wear control
- Micro-switch status control
- Micro-switch residual piston stroke warning
- Hand release lever
- Hand release lever with padlock
- Thruster with internal throttle valve
- Thruster in heat resistant design
- Corrosion protected design
- Friction lining of sintered metal
- Pneumatic cylinder instead of thruster
- Thruster also available in other voltages and frequencies